

INTERFACE BETWEEN PROGRAMMING LANGUAGES AND METHOD THEREFOR

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Abstract of the Disclosure

An interface (20) implements a file system for supporting Java record and resource management between an operating system (28) using a first programming language other than Java and a suite (22) of Java applications.

- 10 The interface provides a method for maintaining any number of files to be open in a manner transparent to the Java applications. Location information of a file is put in storage allocated for usage by Java code when a maximum number of open files is exceeded. A table (506) is used to translate between file names of differing length and to identify directories in a manner to provide a hierarchical
- 15 file system. An identifier is associated with a shortened Java file name in the table to quickly identify an operating system file with a shortened file name.